

**City of Rochester Hills  
AGENDA SUMMARY  
FINANCIAL ITEMS**

**1000 Rochester Hills Dr.  
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**Legislative File No:** 2008-0334

**TO:** Mayor and City Council Members

**FROM:** Roger Rousse, Director of Department of Public Services

**DATE:** June 18, 2008

**SUBJECT:** Television Sewer Inspection System

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**REQUEST:**

City Council is requested to authorize a project budget for the upgrade to the Television Sewer Inspection System to Telespector Corporation, Auburn Hills, Michigan; Pennisular Technologies, Ada, Michigan; and various other vendors in the amount of \$75,000.

**REASON FOR PURCHASE:**

The intent of the improvements to the television sewer inspection system is to obtain software that provides consistency, tracking, digital file and database for video inspections. The project also includes the purchase of a steerable tractor and required assemblies to provide the ability to video inspect large diameter storm sewers. The improvements will provide the tools to bring the system up-to-date from a slow, limited and difficult VHS system to an efficient digital, standardized and flexible system.

The City solicited Request for Proposals for an upgrade to the television sewer inspection system. Three proposals were received and evaluated by DPS and MIS staff. Numerous camera and software demonstrations, vendor meetings and negotiations followed, validating the functionality of two software products and camera equipment. Telespector Corporation and Pennisular Technologies were selected as the vendors providing the best value and services to the City. The City has utilized the services of Telespector for camera and tractor maintenance and repair services, finding excellent response and reliability in performance. Pennisular Technologies has proven itself during the course of the evaluation process to be extremely responsive to the City's requests and innovative with the integration processes. Both companies are located within the State of Michigan, enhancing the ability to provide efficiencies with support and servicing equipment. The required hardware components of the project will be purchased at the lowest available pricing from existing government contracts.

The City's current system consists of an Aries self-propelled tractor and camera. The current system limits the size of pipe that can be inspected by the tractor and camera equipment. There is no existing redundancy in the event of equipment failure during a sewer back-up. Additionally, the equipment is standalone and can only be recorded to VHS, without integration of software to save, report and convert data to other existing City systems. The addition of software will provide the ability to track potential sewer deficiencies and integration into the asset management system.

The City's existing camera component can be mounted on both the existing 8" to 24" tractor and the new 24" to 72" tractor. The existing tractor is restricted to 24" pipe. Additionally, the larger tractor will enable DPS staff to traverse larger storm pipe.

**PROCESS:**

**Vendor Name and Address:**

Telespector Corporation  
 1460 Opdyke Road  
 Auburn Hills, MI 48326-2651

Pennisular Technologies  
 555 Ada Drive, SE  
 PO Box 728  
 Ada, Michigan 49301

**Reason for Selection:**

Best Value and Services

**Method of Purchase:**

Purchase Order/Contract

**BUDGET:**

<b>Fund Name</b>	<b>Department Account No</b>	<b>Account No. Description</b>	<b>Budget Amount</b>	<b>Cost</b>	<b>Remaining Budget</b>
Water & Sewer Capital Fund	593.977000	SS-24/SS-25	\$35,000	\$75,000	0
		Equipment Capitalized	\$25,000		
			<u>\$15,000</u>		
		Total:	\$75,000		

**RECOMMENDATION:**

It is recommended that the Rochester Hills City Council authorize a project budget for the upgrade to the Television Sewer Inspection System to Telespector Corporation, Auburn Hills, Michigan; Pennisular Technologies, Ada, Michigan; and various other vendors in the amount of \$75,000.

**RESOLUTION**

**NEXT AGENDA ITEM**

**RETURN TO AGENDA**

<b>APPROVALS:</b>	<b>SIGNATURE</b>	<b>DATE</b>
Department Review		